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FORM PTO-1390  
(REV 12-29-99)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

SPO-108

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

097508342

INTERNATIONAL APPLICATION NO.  
PCT/JP98/04125

INTERNATIONAL FILING DATE  
September 11, 1998

PRIORITY DATE CLAIMED  
September 12, 1997

TITLE OF INVENTION  
Mammalian Genes Involved in Circadian Periods

APPLICANT(S) FOR DO/EO/US  
Yoshiyuki Sakaki, Hajime Tei

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: **Verified Statement Claiming Small Entity Status**

U.S. APPLICATION NO. 09/508,222

INTERNATIONAL APPLICATION NO.  
PCT/JP98/04125ATTORNEY'S DOCKET NUMBER  
SPO-108

- 17.
- ☒
- The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY**

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	13 - 20 =	0	X \$18.00
Independent claims	11 - 3 =	8	X \$78.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00

\$ 0.00

\$ 624.00

\$ 0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$1,464.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$ -732.00

**SUBTOTAL =**

\$ 732.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0.00

+

**TOTAL NATIONAL FEE =**

\$ 732.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$ 0.00

+

**TOTAL FEES ENCLOSED =**

\$ 732.00

Amount to be  
refunded:

\$

charged:

\$

- a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 19-0065 in the amount of \$ 732.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 19-0065. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Doran R. Pace  
Saliwanchik, Lloyd & Saliwanchik  
A Professional Association  
2421 N.W. 41st Street, Suite A-1  
Gainesville, FL 32606

SIGNATURE:

Doran R. Pace

NAME

38,261

REGISTRATION NUMBER

525 Re PCT/PTO 10 MAR 2000  
09/508342

Patent Application  
Docket No. SPO-108

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Yoshiyuki Sakaki, Hajime Tei  
Docket No. : SPO-108  
For : Mammalian Genes Involved in Circadian Periods

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING BY EXPRESS MAIL (37 CFR §1.10)

Express Mail No.: EK318904747US Date of Deposit: March 10, 2000

I hereby certify that the attached Transmittal Letter to the United States Designated/Elected Office (DO/EO/US), Preliminary Amendment, English translation of application, Verified Statement Claiming Small Entity Status and Declaration and Power of Attorney, with copies as required for authorization for use of Deposit Account No. 19-0065, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and are addressed to: Box PCT, Assistant Commissioner for Patents, Washington, D.C. 20231.

Sherry Loke  
Name of person mailing paper

Sherry Loke  
Signature